

SECTION «NOBLE AND RARE-EARTH METALS»

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TRAINING OF THE ENGINEERS ON A NEW SPECIALTY "ENGINEERING OF ART HANDLING OF MATERIALS"

Engineer — technologist on art handling of materials — new specialty, open in high schools of Russia in 1992. Since 1994 at the Ural State Technical University — UPI the faculty called to train of the experts of this structure is open. A basic specialization of faculty is the «Technology of jeweller products ».

Co-establishers of the new faculty and basic customers of the experts is enterprises "The Ekaterinburg non-ferrous metals processing plant", "The Jewellers of Ural", "Ural Gold — Platinum Company, FIG "Treasures of the Urals".

In the correspondence with the State educational standard the students of faculty study as professional engineering disciplines, and history of arts, fundamentals of art designing, computer graph, process engineering of art molding, forging, punching, stampings, process engineering of jeweller manufacture, decorative coverings and other special disciplines. In an educational plan of training of the engineers and such art disciplines as "Painting", "Flower Art", "Figure", "Composition", "The Theory of shadows", "Sculpture, Modelling" etc.

The tutoring on faculty is a possibility for the young men and girl to embody the creative potential in real products from metal, stone, ceramics. It is freedom of creativity in a combination to necessary engineering training, this dialogue with the conducting foremen, artists and jewellers. For six years of existence on faculty the collective of the qualified teachers both from USTU-UPI, and from architectural — art academy was generated. The highly skilled experts of the enterprises of Ekaterinburg are attracted in realization of practical occupations; "The Ekaterinburg non-ferrous metals processing plant", "The Jewellers of Ural" etc.

The foundation of a new speciality has become probable due to the benevolent and interested respect to training of personnel from the general directors of the mentioned above enterprises and the preparation of the experts is conducted together with the Ural Gold — Platinum Institute.